

WHAT IS CLAIMED IS:

1. A communication terminal that is connected to a public line network, for communicating with a center apparatus connected to the public line network to send and receive short message data to/from another communication terminal via the center apparatus,

the communication terminal comprising:

a master unit; and

a slave unit for mutual wireless communications with the master unit,

the slave unit including:

slave unit side input means for inputting short message data, and

slave unit side wireless communicating means for sending the short message data inputted with the slave unit side input means and for receiving short message data from the master unit,

the master unit including:

master unit side input means for inputting short message data, and

master unit side communicating means that is connected to a public line network, for sending and receiving short message data to/from the center apparatus,

master unit side wireless communicating means for sending short message data received by the communicating means to the slave unit and receiving short message data from the slave unit,

storing means for storing a plurality types of communication protocol information, each of which corresponds to a center apparatus, to be used for communications of the communication means,

selecting means for selecting a center apparatus to be communicated with among the center apparatuses whose communication protocol information is stored, based on a predetermined condition, and

controlling means for controlling the communicating means so as to send short message data inputted with the master unit side input means or short message data received by the master unit side wireless communicating means to the center apparatus when sending the short message data, and to receive short message data from the center apparatus when receiving the short message data, based on the communication protocol information of the center apparatus selected by the selecting means, and for determining whether or not the short message data received from the center apparatus is addressed to the slave unit, and when the short message data is determined as being addressed to the slave unit, controlling the master unit side wireless communicating means so as to send the received short message data to the slave unit.

2. The communication terminal of claim 1, wherein the storing means stores association between each center apparatus whose

communication protocol information is stored and the master unit or the slave unit, and

when the master unit side wireless communicating means has received short message data inputted with the slave unit side input means, the selecting means selects a center apparatus associated with the slave unit from which the short message data is sent; and when the short message data is inputted with the master unit side input means, the selecting means selects a center apparatus associated with the master unit.

3. The communication terminal of claim 2, wherein, when the communicating means receives short message data from a center apparatus, the controlling means refers to the storing means and determines whether or not the center apparatus that sent the short message data is a center apparatus associated with the slave unit, so as to determine whether or not the received short message data is addressed to the slave unit.

4. The communication terminal of claim 1, wherein the master unit includes counting means for counting the degree of communications indicating the communication amount with a center apparatus for each center apparatus whose communication protocol information is stored, and for storing the counted communication amount in the storing means for each center apparatus.

5. The communication terminal of claim 1, wherein the master unit includes printing means for printing short message data, and

at least one of the master unit and the slave unit includes designating means for designating short message data to be printed by the printing means from among received short message data addressed to the slave unit.

6. The communication terminal of claim 1, wherein the master unit includes master unit side displaying means for displaying short message data,

the slave unit includes slave unit side displaying means for displaying short message data, and

the slave unit side displaying means has higher resolution than that of the master unit side displaying means.

7. The communication terminal of claim 6, wherein the master unit includes converting means for converting a character code into a character font,

the master unit side wireless communicating means sends a character font converted from a character code contained in received short message data to the slave unit as image data; the slave unit side wireless communicating means receives the image data sent from the master unit; and the slave unit side

displaying means displays the image data received by the slave unit side wireless communicating means in place of the short message data.

8. A communication terminal that is connected to a public line network, for sending and receiving short message data to/from a center apparatus connected to the public line network to send and receive the short message data to/from another communication terminal via the center apparatus,

the communication terminal comprising:

a master unit; and

a slave unit for wireless communications with the master unit,

the slave unit including:

input means for inputting short message data to be sent to the center apparatus, and

output means for outputting short message data received from the center apparatus.